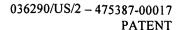
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process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s)

Guillermo J. Tearney et al.

Serial No.

10/501,268

Filed

July 9, 2004

Entitled

APPARATUS AND METHOD FOR LOW COHERENCE

RANGING (as amended)

Group Art Unit

2878

Examiner

Patrick J. Connolly

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 I hereby certify that this document is being sent via First Class U. S. mail addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on this day of November 7, 2005.

(Signature)

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached Form PTO 1449, and respectfully request that the listed documents be considered by the Examiner and made of record in the above-captioned application. Copies of the articles listed on the Form PTO-1449 are enclosed.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If the Examiner applies the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of the documents.

036290/US/2 - 475387-00017 PATENT

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

This submission is being filed before any action by the U.S. Patent and Trademark Office on the merits. Therefore, applicants do not believe that any fee is due in connection with the submission of this paper. However, if any fee is due, or if any overpayment has been made, the Commissioner is authorized to charge any such fee or credit any overpayment, to our Deposit Account No. 50-2054.

Respectfully submitted,

DORSEY & WHITNEY, LLP

Gary Abelev

PTO Reg. No. 40,479

Attorneys for Applicants

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Page 2 of 7 Form PTO-1449 U.S. Department of Commerce Serial No. Atty. Docket No. (REV. 2-82) Patent and Trademark Office 036290/US/2 - 475387-10/501,268 00017 INFORMATION DISCLOSURE STATEMENT BY APPLICANT Applicant(s) 4 Use several sheets if necessary) Guillermo J. Tearney Filing Date Group NOV 0 9 2005 July 9, 2004 2878 Yao, Gang et al., "Propagation of Polarized Light in Turbid Media: Simulated Animation Sequences," Optics Express, Vol. 7, No. 5, August 28, 2000, pages 198-203 Wang, Xiao-Jun et al., "Characterization of Dentin and Enamel by Use of Optical Coherence Tomography," Applied Optics, Vol. 38, No. 10, April 1, 1999, pages 2092-2096 De Boer, Johannes F. et al., "Determination of the Depth-Resolved Stokes Parameters of Light Backscattered from Turbid Media by use of Polarization-Sensitive Optical Coherence Tomography," Optics Letters, Vol. 24, No. 5, March 1, 1999, pages 300-302 Ducros, Mathieu G. et al., "Polarization Sensitive Optical Coherence Tomography of the Rabbit Eye," IEEE Journal of Selected Topics in Quantum Electronics, Vol. 5, No. 4, July/August 1999, pages 1159-1167 Groner, Warren et al., "Orthogonal Polarization Spectral Imaging: A New Method for Study of the Microcirculation," Nature Medicine Inc., Vol. 5 No. 10, October 1999, pages 1209-1213 De Boer, Johannes F. et al., "Polarization Effects in Optical Coherence Tomography of Various Viological Tissues," IEEE Journal of Selected Topics in Quantum Electronics, Vol. 5, No. 4, July/August 1999, pages 1200-1204 Yao. Gang et al., "Two-Dimensional Depth-Resolved Mueller Matrix Characterization of Biological Tissue by Optical Coherence Tomography," Optics Letters, April 15, 1999, Vol. 24, No. 8, pages 537-539 Lu, Shih-Yau et al., "Homogeneous and Inhomogeneous Jones Matrices," J. Opt. Soc. Am. A., Vol. 11, No. 2, February 1994, pages 766-773 Bickel, S. William et al., "Stokes Vectors, Mueller Matrices, and Polarized Scattered Light," Am. J. Phys., Vol. 53, No. 5, May 1985 pages 468-478 Bréhonnet, F. Le Roy et al., "Optical Media and Target Characterization by Mueller Matrix Decomposition," J. Phys. D: Appl. Phys. 29, 1996, pages 34-38 Cameron, Brent D. et al., "Measurement and Calculation of the Two-Dimensional Backscattering Mueller Matrix of a Turbid Medium," Optics Letters, Vol. 23, No. 7, April 1, 1998, pages 485-487

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